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REMARKS

Applicants respectfully traverse the rejection of claims 1-30 under 35 U.S.C. 102(e) as being anticipated by Bates et al. (US6,222,541).

In this connection, Applicants thank Examiner for the telephone interview extended to their attorney, J. B. Kraft on April 21, 2004. As Applicants explained in that interview, a rejection based on anticipation under 35 U.S.C. 102, must expressly or impliedly teach every element of invention without modification. The Examiner's application of the Bates patent does not meet this standard. Every claim in this Application requires that the indicator in the scroll bar indicates the type of data being scrolled though. While Bates discloses indicators in his scroll bar, these indicators do not indicate the type of data being scrolled. Rather, the indicators in Bates identify each specific hyperlink in the scrolled document being reached so that the user may access that particular identified hyperlink.

Web documents are provided from a variety of related data sources that were, at first, text and then images, and now include media, i.e. "hypermedia", which involves audio, video and all types of visual files. The user has extensive access to such media events that he may access and use in his own presentations. The problem remains in locating them. A significant source of this problem is in the Web page, the basic document page of the Web. Media files may frequently be hard to recognize and locate in such pages. When we refer to Web pages, we are actually referring to Web documents that are often dozens of pages in length and often eclectically developed and organized. Most do not have adequate indices. Thus, the user has to scroll through a lengthy Web document that frequently contains ancillary

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2

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PATENT
09/899,455

distractions, such as advertising, to try to find the particular type of data of interest.

The present invention provides a solution that simplifies scrolling through lengthy Web or other documents in search of particular data types. In a system for scrolling a displayed document using a scroll bar for indicating the position of the displayed data in the direction being scrolled, there is provided means for determining the type of the displayed data being scrolled at a particular position, in combination with means responsive to the determining means for indicating within said scroll bar the type of data being scrolled. In the HTML documents of the Web or in E-Mail, the invention is particularly useful in locating non-ascii text data types, such as GIF or MIME data files, within the ascii text of the document.

In the Bates disclosure, the indicators in the scroll bar are used for fast access to specific hyperlinked documents i.e. each specific hyperlink in the document being scrolled is identified by its own specific indicator, e.g., an assigned color. Thus, when the color appears in the scroll bar, this indicates that the specific hyperlink may be activated to access the linked document. In accordance with an aspect of Bates, when the color identifying a particular hyperlink appears in the scroll bar, the associated hyperlink may be activated merely by clicking on the mouse without even pointing to the hyperlink itself.

Thus, it is submitted that Bates does not disclose indicating the data type being scrolled by a scroll bar indicator. The scroll bar indicator in Bates, only acts to identify a specific hyperlink so that the hyperlink may be activated.

The Examiner appears to be applying the Bates reference because one of the data types given as an example of one of

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3

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PATENT
09/899,455

many data types by Applicants is an embedded hyperlink data type. However, it should be understood that this was given as an example of a type of data, e.g. hyperlinks and not as an example of an identifier for a specific hyperlink.

In the interview, the Examiners expressed some reservations as to whether the term, "data type" may be so broad or indefinite that it could include the specifically identified hyperlinks of Bates. If the prosecution of this Application would be expedited, Applicants are prepared to make a suitable amendment satisfactory to the Examiners. For example Applicants suggest "data classes" or "data categories". Applicants urge Examiners to contact the undersigned with any suggestions for defining "data types" which would be allowable terminology.

In view of the foregoing, claims 1-30 are submitted to be in condition for allowance, and such allowance is respectfully requested.

Respectfully submitted,

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